

Admission Management System

- Group A Present

Hello Guys And Welcome

WELCOME MESSAGE

Presentations are communication tools that can be used as demonstrations, lectures, speeches, reports, and more. It is mostly presented before an audience.

LETS GET STARTED →

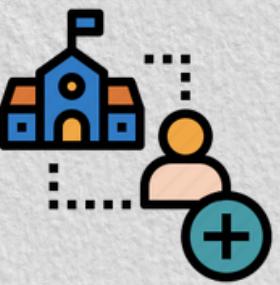
Group Name

- Alfredo Torres
- Balley Dupont
- Chad Gibbons
- Samira Hadid
- Kimberly Nguyen

Introduction



- The admission management system is a digital tool that assists educational institutions in easily managing the student enrollment process.



- It enables admissions teams to digitally verify their eligibility, follow-up, collect documents, and complete the application process.



- Students can also apply online, check their application status, submit documents, and pay fees through the admission management system.

Motivation of the project



LEARNING JAVA SWINGS

- Swing components are platform-independent. Swing components can use a different look and feel.
- Can design a much more flexible UI.
- Swing components are lightweight



IMPLEMENTATION OF COPS CONCEPTS

- Reuse of code through inheritance.
- Flexibility through polymorphism.
- Effective problem solving.
- It is easy to maintain and modify

Novelty of the project

COLLABORATION

Presentations are communication tools that can be used as demonstrations.

FUNDS PROJECT

Presentations are communication tools that can be used as demonstrations.

STRAIGHT OBJECTIVE

Presentations are communication tools that can be used as demonstrations.

DECORATION

Presentations are communication tools that can be used as demonstrations.

Technology used to develop the project



JAVA

Since Java is object-oriented,
it allows you to create
programs and reusable code.



PostgreSQL

POSTGRES SQL

For Database storage,
Postgres SQL is Used. Its most
reliable and easy to start.



JAVA SWINGS

Java swings for User Interface.
Swings provide the ability to
create GUI in Java.

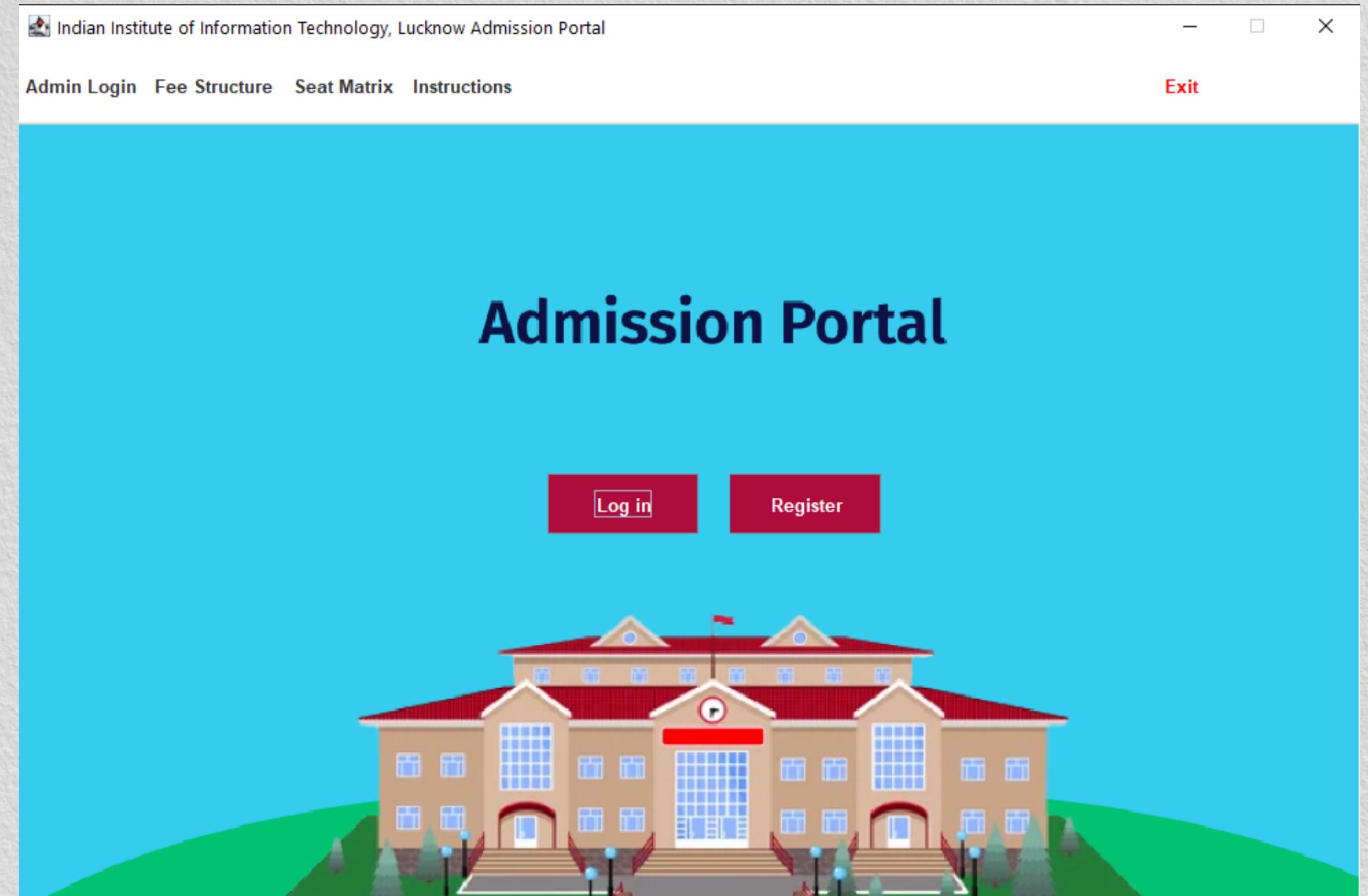
Functional Requirements set for the project

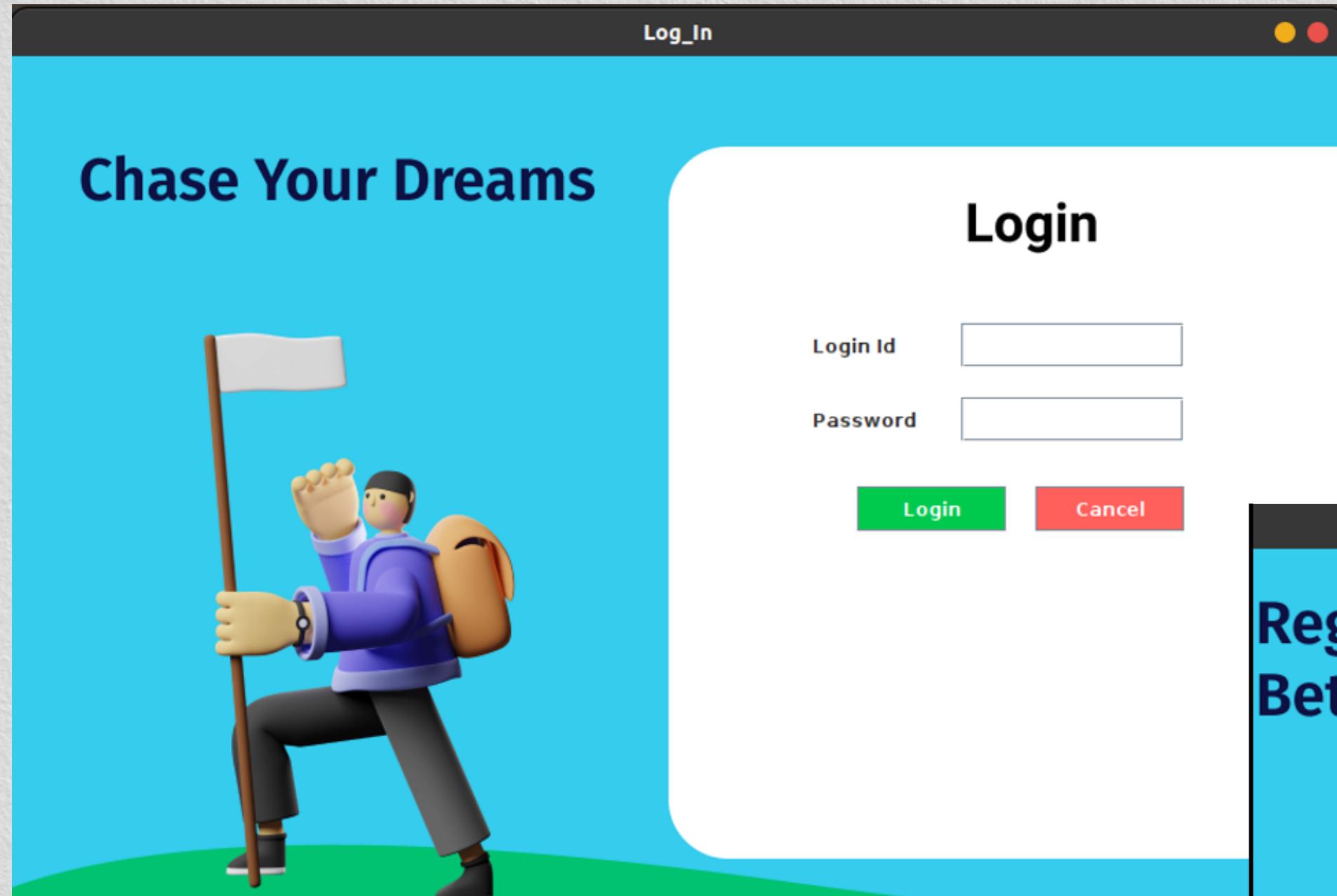
- STUDENT MUST BE ABLE TO REGISTER IN THE PORTAL
- THE REGISTERED STUDENT SHOULD BE ABLE TO FILL THE APPLICATION FORM FOR THE COLLEGE ALLOWING HIM TO CHOOSE FOR THE SELECTION OF SEAT MATRIX
- STUDENT CAN BE ABLE TO SEE THE RESULTS PUBLISHED AND PAY THE FEE IF HE/SHE QUALIFIES FOR THE APPLICABLE COURSE
- IN THE ADMIN SIDE, ADMIN MUST BE ABLE TO DECIDE THE CUTOFF OF THE STUDENT AND GENERATE THE MERIT LIST FOR THE STUDENTS

Main Login Page

HERE BOTH THE STUDENT AND
THE ADMIN CAN LOGIN IN THE
COLLAGE PORTAL

there are several buttons in this page considering student login, register, Admin login, Fee structure, Seat Matrix and Instructions. All these buttons have different intended functionality .





This page helps the student to login into the Admissions Portal. User id and Password is set but student. We authorize the information by searching the users into and password in the database using a search query with username and password. Same goes with the Registration we insert the textfields into the database

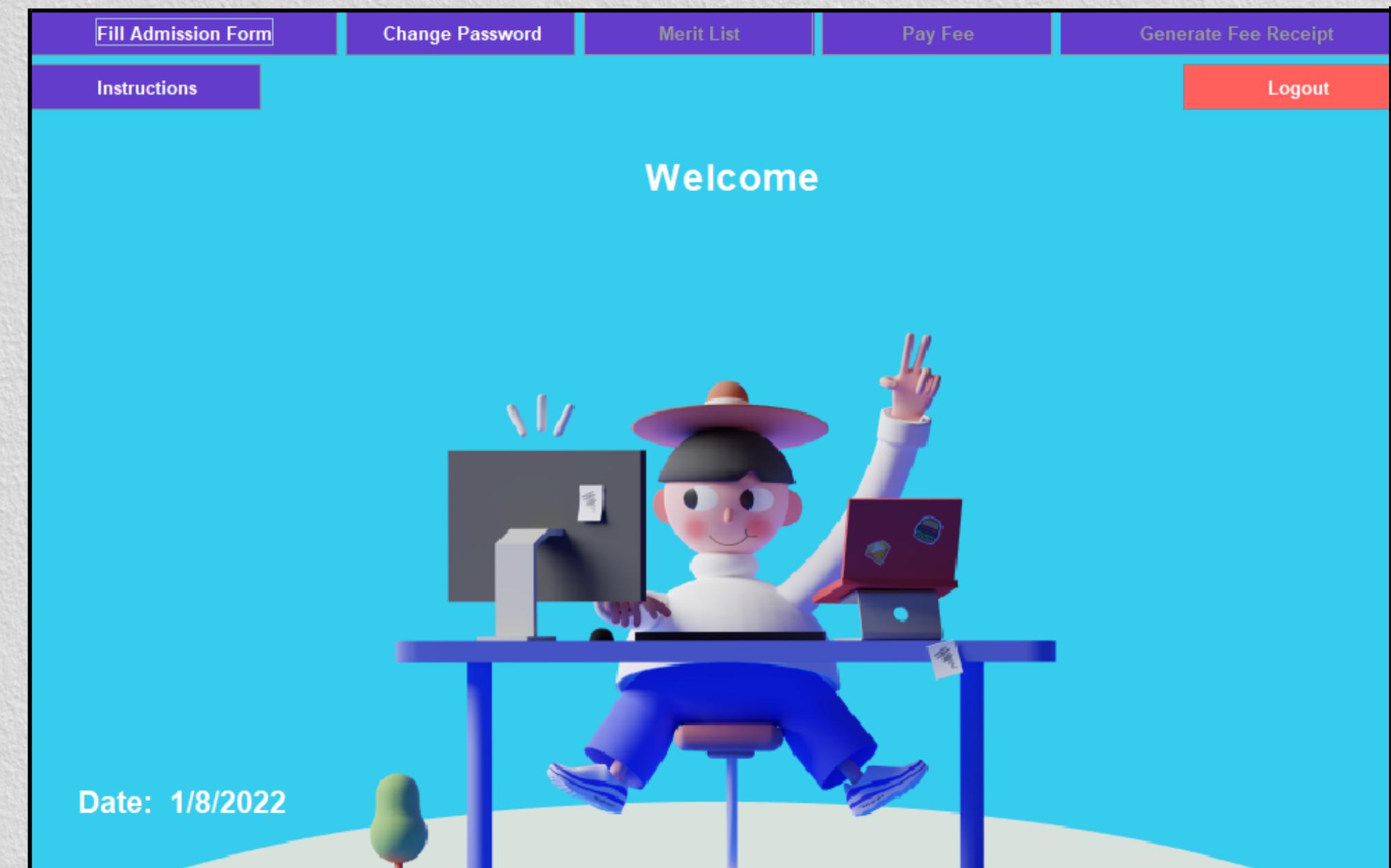
Login & Registration

THIS PAGE IS USED FOR THE STUDENT TO LOGIN INTO HIS RESPECTIVE APPLICATION FORM OR ALLOWS NEW STUDENT TO REGISTER

Student Panel

PANEL WHERE STUDENT
CAN USE AS ADMISSION
DASHBOARD

This student panel has several buttons like Fill admission form, change password, Merit list, Pay fee, Generate fee Receipts. It greets the user with welcome message and shows the date in the bottom.



Change Password

If the student wants to change the password he can click the Change Password button in the Student Dashboard. We will be updating the password into the database table by update commands.



Change Password

Username:

Old Password:

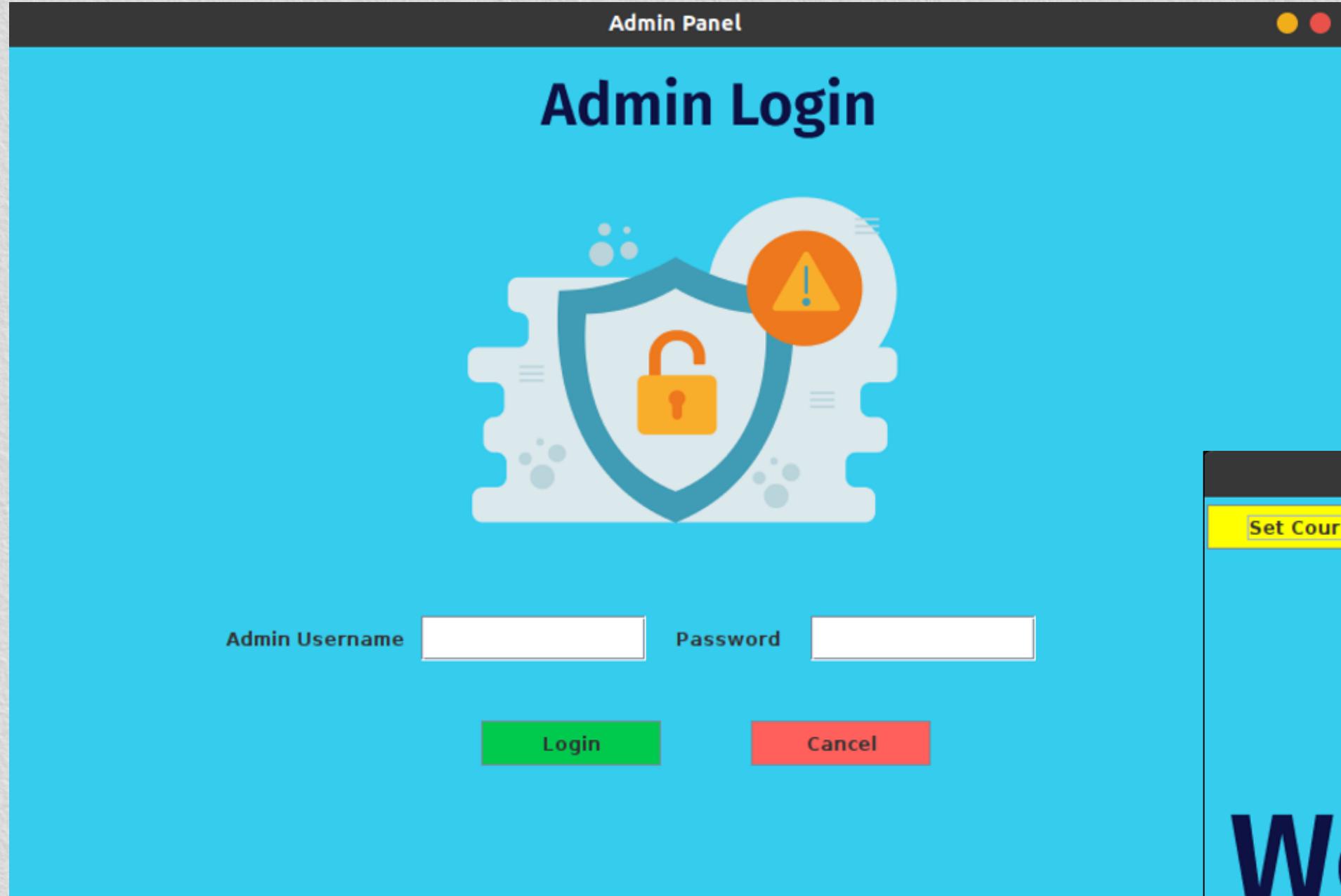
New Password:

[Cancel](#) [Submit](#)

| Course | Academic/Tuition Fee (Per Year) | University Exam Fee (Per Year) | Total Amount (Per Year) |
|----------------------------------|------------------------------------|-----------------------------------|----------------------------|
| Computer Science and Engineering | 88,500 | 12,000 | 1,05,000 |
| Information Technology | 88,500 | 12,000 | 1,05,000 |
| Electronics and Communication | 88,500 | 12,000 | 1,05,000 |
| Electrical and Electronics | 88,500 | 12,000 | 1,05,000 |

Fee Structure

It's just gives the information of fee structures of different courses. The page is completely done with Swing JLabels.



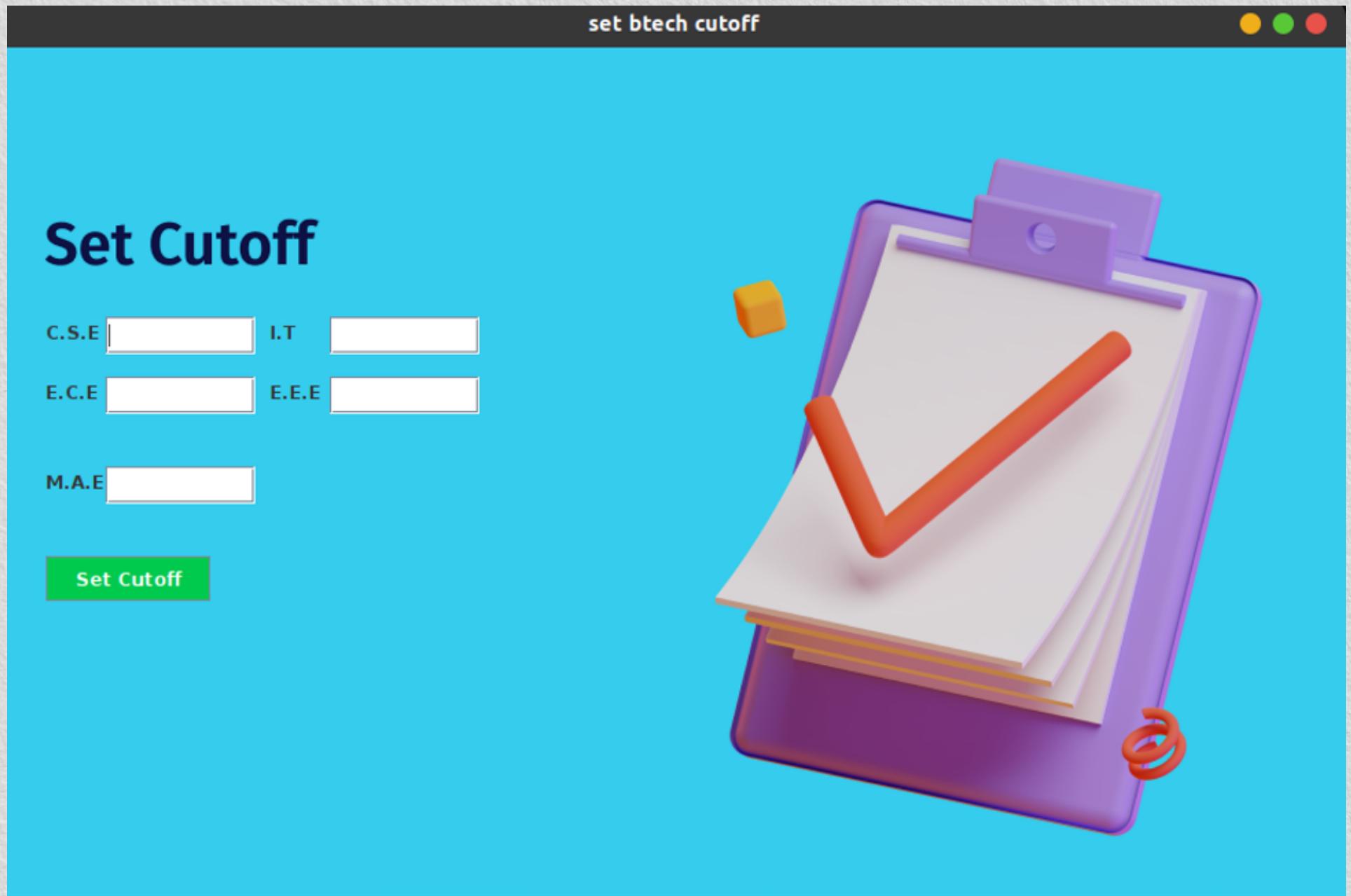
Admin Dashboard

Here admin can set cutoff for the students, can generate merit lists, delete merit lists and also can view the merit list

Admin Login

Admin login is a basic login page used to allow admin to login into the admins dashboard

A screenshot of the Admin Dashboard. The title "Admin Login" is at the top. Below it is a navigation bar with buttons for "Set Course Cutoff", "Generate Merit List", "Delete merit list", "Show Merit List", and "Logout". The main area has a large "Welcome Admin" message and an illustration of a person working at a computer.



set cutoff is used to set cutoff for different branches in the collage. And after setting cutoff we can publish the merit list which looks like the image on right side

Setting Cutoff and generating MeritList

The screenshot shows a window titled "LIST" with the subtitle "Indian Institute of Information Technology Merit List". It displays two entries in a table format:

| Application No. | Name | G.P.A. | Course Allotted | Hostel Block |
|-----------------|----------|--------|----------------------------------|--------------|
| 640002 | test | 90.0 | Computer Science and Engineering | Block A |
| 640003 | qwerasdf | 55.0 | Computer Science and Engineering | Block A |

Conclusion



Avoids Hassle of
Paperwork in
Application Process



Reduce Manual
Intervention



Enhances Counselors
Productivity



Enhances Student
Experience



Select Eligible
Candidates
Automatically

Future Work Plan



MORE FEATURES FOR ADMIN

Adding feature to admin like deleting courses, adding courses, allotting the class room numbers and issuing id numbers, etc...



SCALABILITY

how to increase the Scalability of the project if there is large group of students, and more date to be managed



HOSTING IN CLOUD

instead of storing in the local or on physical hardware, if we can manage in cloud platform then it will be easy to access and manage



Q&A Session

If You Have Something
to Ask



Thanks for
your time :)